

The Living Stones

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Livingston Gem and Mineral Society

February 2017

President's Message

Club membership fee of \$50 per person 18 and older is due before January 1. Any member not paid by March 1 shall lose their membership. Thanks in advance for supporting our club by paying your dues in a timely fashion.

Our club Vice President, Ann Marie McFadden, spends a lot more time in the shop than I do. If you have administrative or business type questions about the club, she - and the other board members - will be happy to help out.

Who wants to go on a field trip? Go to our Facebook page and tell us where and when you'd like to go.

SHOP NOTES

If school is closed for weather, so is the shop.

ALWAYS use water on the diamond wheel polishers, #600 and #1300. Also, polishing at this stage should take no more than a couple of minutes.

Thank you to George Pernicano and Bill McGee for their work in tidying up our workshop. New shelves are coming!

When using the big saw - please try to limit your time on any one project to an hour, especially if you know other people are waiting.

Sherlynn

4-H Classes need help

Volunteers are needed to help with the 4-H groups on Monday nights at 6 p.m. beginning on February 6. Classes continue until March 6. See Bryant for details.

Workshop Hours

Monday: 10 a.m. to 1 p.m.
Tuesday: 9 a.m. to 9 p.m.
Wednesday: 10 a.m. to 9 p.m.
Friday: 10 a.m. to 2 p.m.



Our Mission

The Livingston Gem and Mineral Society is a nonprofit organization and member of the Midwest Federation of Mineralogical Societies and the American Federation of Mineralogical Societies. Our purpose is to promote, through educational means, public interest and increased knowledge in the fields of mineralogy, archaeology, paleontology, and the lapidary arts.

LGMS Board Meeting Minutes for January 24, 2017

Meeting was called to order by President Sherlynn Everly with 10 board and committee members present. The officers and committee chair members were introduced by new President Sherlynn. Vice President is Ann Marie McFadden, Secretary is Lori Keefer, Treasurer is Sheila York. First year directors are Sharon Parker and Jim Hansen, second year directors are Dennis Gougherty and Sharon Krautheim; shop chair is Ed Oller. Committee chairs are: Venus Sage is Hospitality and Sunshine, Isla Mitchell is Newsletter and Membership, Chuck Amberger is Historian, Bryant Hiiter is Library.

Approval was made of last month's minutes and the treasurer's report. The club is in good financial standing.

Shop report: George Pernicano has been re-arranging the library to make more space. There is a lot of clutter in the shop. Ed will put together a list of things that need to be done. Then we will ask people to help and take action. If there are things that need to be sold from the shop, it must come to the board for approval and then put in newsletter before selling to public. There is a leak in the roof that has been reported to Hartland Schools.

Old Business: We have 203 members in our club. In March we will send out final notice for membership not paid in 2017. Venus who is our chairman for Sunshine committee, will form a committee to develop a policy on how to handle a death or illness of club members. Bryant Hiiter will form a committee to discuss ways to update library. Website: Emily Saling has been in charge of website. She plans on passing duties to Marc Lamcov. Ann Marie will talk with Marc to see if he still wants the job. Keys: Ed is in charge of keys and scheduling who does opening and closing of shop.

New Business: Financial software for bookkeeping: Sherlynn will set up an Excell spread sheet to help with bookkeeping and

teach Sheila how to use it. Fossils on Federal Land: A lawsuit has been filed in California to make it illegal for the public to pick up rocks on federal land. Midwest Federation has sent a letter defending the right of the public to be able to pick up rocks. We have been asked to support this letter. Ed made a motion to support letter, Ann Marie seconded it. Motion was passed. Sherlynn will send letter of support.

There was a discussion of the McEwen letter. They feel the old dues structure is still in place because of a procedural issue. Board authorized the President to respond that dues are \$50 per person.

John Kelly Collection: there will be an auction in April of the rock collection of the late John Kelly. The auction will be at M-59/Airport Rd. The Waterford club and our club will have first choice of his collection. We may put together a field trip when further information is available.

How To Grow Annual LGMS Show: Next years' show will be back in gym. Ed wants to send vendor contracts out earlier in February. Discussion was made on how to advertise better for the show. We will bring back more ideas next month. Finalize Plans For The Midwest Gem And Mineral Federation Show in 2020: Sherlynn needs to send an official letter to the Federation requesting to host the show. She will send letter and talk with them to get more details on what we need to provide for hosting the show. Ed made a motion to adjourn meeting, Lori seconded.

Respectfully submitted, Lori Keefer



In Memorium

Sadly, we have learned of the recent deaths of two LGMS members.

John Kelly was a friend to many, past board member of LGMS, and polisher extraordinaire of Mexican agates.

R.I.P. John

Marge Arvidson joined the club in 2015 along with her husband, Dennis. She made many friends during her visits to our shop and was admired for her courage during her illness.

We extend our condolences to Dennis.

2017 Officers and Chairpersons

President: Sherlynn Everly, 810-965-5899

Vice President:

AnnMarie McFadden, 248-884-8126

Secretary: Lori Keefer, 248-634-8657

Treasurer: Sheila York, 810-695-0509

First year Directors:

Jim Hansen, 248-933-1482

Sharon Parker, 517-548-0675

Second year Directors:

Sharon Krauthaim, 810-701-3776

Dennis Gougherty, 810-986-9671

Hospitality and Sunshine:

Venus Sage, 810-458-4290

Shop Chairpersons: Ed Oller, 810-241-8801

Sharon Parker, 517-548-0675

Newsletter and Membership:

Isla Mitchell, 248-685-7804

imvm.1@netzero.com

Historian: Chuck Amberger, 248-787-6586

Library: Bryant Hiiter, 248-210-6138

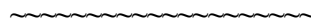
Webmaster:

General Membership Meetings are held monthly on the 3rd Tuesday at 6 p.m. (Except in January and February when board meetings are held in the shop.)

Faceting Time

There are times in our life when we are very lucky for some unknown reason. Well, that's what has happened to Livingston Gem and Mineral Society. We have a very talented, third-generation jeweler with a master's degree in geology, Dave Grimes. Dave is teaching a class, faceting for amateurs. What luck! There are approximately 14 people who are learning the use of a faceting machine that Dave has furnished. We have just finished our second lesson, rough cutting a cylinder and pavilion in quartz. In future lessons we will continue to facet (cut) a round brilliant form, the same form as most diamonds. We meet on Thursdays at 10:00 am in the shop. Many thanks, Dave, for your knowledge and time.

John Petito



Weather problems?

The LGMS Shop is closed whenever the

Hartland Consolidated Schools are closed.

Check [www. Hartlandschools.us/School-Closings](http://www.Hartlandschools.us/School-Closings)



* "Livingston Gem and Mineral Society"

Upcoming Events

March 4-5, 2017

The Roamin Club Silent Auction,

Schoolcraft Community College, 18600 Haggerty Rd, Livonia, MI
Info: Clarence Sterling, c.w.sterling@sbcglobal.net

March 17- 19, 2017

Michigan Gem and Mineral Society's Annual Show

Jackson County Fairgrounds, 200 W. Ganson St, Jackson, MI
Info: Sally 517-522-3396 or info@mgmsrockclub.com or www.mgmsrockclub.com

March 25, 2017

Midwest Mineralogical and Lapidary Society Rock Swap

St John's Lutheran Church 13115 Telegraph Rd, Taylor, MI
Info: Lou Talley, 734-837-8920, ltalley1970@gmail.com



2017 Dues are overdue!

Tear off and mail to Sheila York, Treasurer, LGMS, 9525 E. Highland Rd, Howell, MI 48843

2017 Livingston Gem and Mineral Society Dues

Name _____

Please note any changes in address, email address or phone number _____

Adult membership(s) _____ x \$50.00 = _____

Youth membership(s) (ages 13-17) _____ x \$25.00 = _____

Total Payment _____

Newsletter preference: _____ snail mail, _____ email, _____ shop folder

A Cometary Mineral

Andrew A. Sicree, PhD

How can you catch a comet? And if you could catch a comet, what minerals would you find in it?

As a comet approaches the Sun, solar radiation spalls off particles of ice and dust. These dust particles fall behind the comet and get strung out all along the path of the comet's orbit. Comets orbit the Sun in highly elliptical orbits that cross the orbits of planets like the Earth. When the Earth crosses the orbit of a comet, the Earth's gravity field sweeps cometary particles. Larger particles burn up in the Earth's uppermost atmosphere as meteors, but smaller particles slowly filter downward into the stratosphere. Dust particles found in the stratosphere are usually more likely to be filtering down from comets and disintegrating meteoroids than rising up from volcanoes and dust storms (the effects of which are usually confined to the troposphere).

In 2003, as the Earth crossed the orbital path of the comet “26P/Grigg-Skjellerup,” NASA sent up a high flying research plane equipped with dust collectors. Much of the dust collected on these flights is assumed to have come from the comet. Analysis of the dust led to the discovery of a new mineral, brownleeite.

Brownleeite (MnSi , cubic) has a unique chemical composition: manganese silicide. The fact that this mineral has not yet been found on the Earth (or for that matter, on the Moon) is evidence that the mineral formation environment of comets is drastically different than terrestrial environments. Brownleeite is named for Donald Brownlee, a University of Washington astronomer who is best known for his book *Rare Earth: Why complex life is uncommon in the universe*. Brownlee has been a pioneer in the study of cometary dust, so the naming of a new cometary mineral after him is quite appropriate.

via Rock Trails, 1-15, and West Seattle Petroglyphs, 3-15



Livingston Gem and Mineral Society
9525 E. Highland Road
Howell, MI 48843-9098



No General Meeting in February

*The Board will meet at 12:30 p.m.
on Tuesday, February 21, 2017*

Livingston Gem and Mineral Society is a nonprofit organization and member of the Midwest Federation of Mineralogical Societies and the American Federation of Mineralogical Societies. Our purpose is to promote, through educational means, public interest and increased knowledge in the fields of mineralogy, archaeology, paleontology, and the lapidary arts. This society was established in 1970. The annual membership fee is \$50.00 for adults and \$25.00 for youth ages 13-17. There is an additional fee of \$1.00 per day for workshop use. Annual dues and annual shop fees are due on January 1 of each year. The Livingston Gem and Mineral Society publishes The Living Stones. Non copyrighted articles may be reprinted provided that they are properly attributed. Newsletter deadline is the 20th of each month. Articles or correspondence can be sent to LGMS Hartland Consolidated Schools, 9525 E. Highland Rd. Howell, Michigan 48843-9098.